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## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 15th April 1961

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

29th March 1961

76003. National Research Development Corporation. Improvements in or relating to alternating current machines.

76004. Armour and Company. Reconstitution of native collagen fiber from acid precursor gelatin. (5th April 1960).

76005. Eastman Kodak Company. Oxygenated polyene aldehydes.

76006. Eastman Kodak Company. Synthesis of oxygenated carotenoids.

76007. Bot Brassert Oxygen Technik Ag. Method of carrying out metallurgical processes. [Addition to No. 73928.]

76008. British Visqueen Limited. Packaging process. (5th April 1960).

76009. Imperial Chemical Industries Limited. New phthalocyanine dyestuffs. (5th April 1960).

76010. Imperial Chemical Industries Limited. Improvements in or relating to the manufacture of polymeric materials. (6th April 1960). [Addition to No. 68524.]

76011. J. R. Geigy A.-G. Method of stabilization of rubber with a substituted triazine and compositions stabilized thereby.

76012. J. R. Geigy A.-G. Method of stabilization with a substituted triazine and compositions stabilized thereby.

76013. H. Smith. Processes for preparing steroid compounds. [Addition to No. 75410.]

76014. Harper J. Ransburg Co. Electrostatic spraycoating apparatus.

76015. Fosco International Limited. Production of moulds and cores for foundry use. (30th March 1960).

30th March 1961

76016. Navjivan Bobbin Industries. An improved locking device for high speed warper beams and the like.

76017. Council of Scientific and Industrial Research. Solvents and heat exchange liquids from cashewnut shell liquid.

76018. Council of Scientific and Industrial Research. Bilcrete, a new hydrophobic cement.

76019. V. R. Barve. Document copying by telephone.

76020. V. R. Barve. Method and device for simultaneous typing and card punching.

76021. J. I. N. Hacohen and R. H. Rines. Process for the manufacture of fertilizer and the like. (23rd January 1961).

76022. Miles Laboratories, Inc. Method of producing citric acid by fermentation. (4th April 1960).

76023. Aktiebolaget Kamyr. Container for washing of cellulose pulp.

76024. Paillard S.A. Improvements in typewriters including a hectographic ribbon.

76025. The Crittall Manufacturing Company Limited. Window frames. (19th April 1960).

76026. Simon-Carves Limited. Improvements in or relating to the removal of sulphur compounds from waste gases. (19th April 1960).

76027. Simon-Carves Limited. Improvements in and relating to the treatment of waste gases. (19th April 1960).

76028. The General Electric Company Limited. Improvements in or relating to the manufacture of phosphors. (7th April 1960).

76029. J. R. Geigy A.-G. Polyamides which are stable to oxidation and process for the production thereof.

76030. J. R. Geigy A.-G. Bis-tertiary glycols.

76031. Telefonaktiebolaget L. M. Ericsson. Arrangement at telephone instruments.

76032. (Mrs.) Elvira Saldanha Fernandez. An electronic method for increasing and maintaining peak performance of an internal combustion engine.

76033. Ministerul Industrial Grele. Process for the manufacture of ferro-manganese and silico-manganese from poor siliceous and phosphorous manganese ores.

76034. Massey-Ferguson (Australia) Limited. Improvements relating to sugar cane harvesters. (31st March 1960).

76035. York Trailer Company Limited. Improvements in and relating to coupling gear. (14th October 1960).

76036. Beecham Research Laboratories Limited. Penicillins. (31st March 1960).

76037. Ciba Limited. Oxidation.

76038. Ciba Limited. Process for the manufacture of desoxy-compounds.

76039. Ciba Limited. Process for the manufacture of thio compounds.
76040. Ciba Limited. Process for the manufacture of naphthalene compounds.
76041. Ciba Limited. Process for the manufacture of bis heterocyclic compounds.
76042. Ciba Limited. Process for the manufacture of pyridine compounds.
76043. Ciba Limited. Process for the manufacture of dehydro compounds.
76044. Ciba Limited. Process for the manufacture of oxygen heterocycles.

31st March 1961

76045. Ciba Limited. Process for the manufacture of 4-mercapto-pyrazolo [3, 4-D] pyrimidines.
76046. Ciba Limited. Process for the manufacture of new pyrazolopyrimidines.
76047. R. S. Dubey and Walchandnagar Industries Limited. Improvements in or relating to the recovery of sugar from massacuite.
76068. Kearney & Trecker Corporation. Machine tool transmission and control mechanism.
76069. Hovercraft Development Limited. Vehicles for travelling over land and/or water. (8th April 1960).
76070. L. G. Rao. Improvements in or relating to plastic mouldings from fibrous materials.
76071. Siemens & Halske Aktiengesellschaft. Improvements in or relating to electromechanical filter arrangements. (23rd February 1961).
76072. Siemens & Halske Aktiengesellschaft. Improvements in or relating to electro mechanical filters. (23rd February 1961).
76073. Commissariat A L' Energie Atomique. Improvements in method and apparatus for the obtainment of uranium fluoride.
76074. I. K. Bharati. Improvements in or relating to brake drums for vehicles.
76075. Continental Oil Company. Method of retarding water evaporation.
76076. Spofa, Sdruzeni podniku pro zdravotnickou vyrob. Process for the preparation of a substance with anti-peptic activity.
76077. Zavody 9. Kvetna, Narodni Podnik. Centrifugal shoe clutch. [Addition to No. 72683.]
76078. Lock Joint Pipe Company. A prestressed pipe structure of concrete or the like.
76079. American Cyanamid Company. Halogenated benzotriazines and methods of preparing the same.
76080. P. D. Saltman and P. J. Charley. Metal complex and process for preparation.
76081. Merck & Co., Inc. Novel steroids and process of preparing the same.
76082. Union Carbide Corporation. Continuous freeze concentration method.
76083. Standard Telephones and Cables Limited. Method of adjusting the permanent flux of a magnetisable element.
76084. Aktiebolaget Svenska Flaktfabriken. Treating dust-laden gas.
76085. Ciba Limited. Manufacture of new amines.
76086. Montecatini Societa Generale Per L' Industria Mineraria E Chimica. Method of purifying olefin polymers.

1st April 1961

76048. Recherches Et Propagande Scientifiques. Improved therapeutic compounds. (1st April 1960).
76049. Recherches Et Propagande Scientifiques. Improvements in or relating to therapeutic compositions. (1st April 1960).
76050. Imperial Chemical Industries Limited. Coating compositions. (7th April 1960).
76051. R. R. Pardasani. Improvement in or relating to dead front fuse units.
76052. A. Brenner. Improvements in or relating to an automatic tube cleaning device.
76053. Aktiebolaget Syenska Flaktfabriken. Improvement in wet-cleaning of gases.
76054. P. G. Bhide. Improvements to cash or coin box.
76055. G. V. Subbarao. Improvements in or relating to radio receivers and inter-communication systems.
76056. Shilowbhadra Banerjee. Improvements in and relating to the production of spheroidal graphite iron.
76057. K. K. Mathilinkal. Improvement in an arrangement of equipments installed in a boat for spraying concentrate emulsion of hexadecanol on large stretches of water surface of lakes for purposes of evaporation control.
76058. T. R. Luthera. Semi-automatic screen printing machine for textile fabrics.
76059. P. B. Mehta. Improved burglar alarm for automobile vehicles and the like as well as room, safe or storage places.
76060. G. F. Purvis. An improved sealing unit for bearings. (1st April 1960).

3rd April 1961

76061. S. Ramanujam and K. G. Saxena. Improvements in or relating to air drying, tack free and heat resisting surface coatings from bhillawan nut shell liquid.
76062. Industrial Plant (Combustion) Limited. Process of lime-burning with hot oilgases or similar combustion gases. (5th April 1960).
76063. Fisons Pest Control Limited. Chemical compositions. (7th April 1960).
76064. Imperial Chemical Industries Limited. Improvements in or relating to surface moderated powders.
76065. Imperial Chemical Industries Limited. Self-closing containers. (6th April 1960).
76066. Amp Incorporated. Improvements in or relating to magnetic core memory devices.
76067. Kearney & Trecker Corporation. Automatic cycle control system.
76087. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the hydrolysis of cyclohexenylcyclohexanone.
76088. Inventa A.G. Fur Forschung Und Patentverwertung. Process for the manufacture of cyclohexanol.
76089. R. R. Pardasani. Improvement in or relating to dead front fuse units.
76090. A. P. Jayraj. A freeze microtome for cutting sections of tissues.
76091. Shimada Glass & Flask Factory (Private) Limited. Improvements in or relating to closures and pourers for bottles or like containers.
76092. Shimada Glass & Flask Factory (Private) Limited. Improvements in or relating to stoppers for bottles or like containers.
76093. Unilever Limited. Liquid detergent compositions. (6th April 1960).
76094. The British Drug Houses Limited. Organic compounds. (9th May 1960).
76095. Shell Internationale Research Maatschappij N. V. Process for the hydrogenative refining of gasolines or gasoline fractions obtained by thermal cracking in the presence of steam. [Addition to No. 72546.]
76096. Imperial Chemical Industries Limited. New monoazo dyestuffs. (13th April 1960).
76097. The British Oxygen Company Limited. Separation of air. (11th April 1960).

4th April 1961

76098. Improved Machinery Inc. Apparatus for discharging filter cake.
76099. Stamicarbon N. V. Preparation of urea.
76100. Societe Des Usines Chimiques Rhone-Poulenc. Process for the preparation of salts of penicillins and pharmaceutical preparations containing the penicillin salts.
76101. S. H. Long. Improvements in or relating to building construction. (13th May 1960).
76102. S. J. Chaffey. Improvements relating to polishing and like apparatus suitable for operating on the bores of tubes or on other articles.
76103. The British Electric Company, Limited. Improvements in and relating to capacitor voltage transformer arrangements.
76104. Polymer Corporation Limited. Polymerization of olefinic hydrocarbons. (3rd June 1960).
76105. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing 10 methyl steroids.
76106. The Plessey Company Limited. Improvements in or relating to composite mechanical drives. (5th April 1960). [Addition to No. 72493.]
76107. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for polymerizing and copolymerizing  $\alpha$ -olefins and diolefins.
76108. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for Polymerizing and copolymerizing olefins.
76109. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Fungicidal agents.
76110. Societa' Italiana Rasine. Method of producing cumene hydroperoxide.
76111. Ciba Limited. Anti-hypertensive preparation.
76112. Libbey-Owens-Ford Glass. Method and apparatus for forming a film on a glass surface.
76113. Terlinden & Co. Synthetic velvet-like knitted fabric and method of making same.
76114. R. S. Nepal. A device for drawing water from a well or a tubewell.
76115. Phrix-Werke Aktiengesellschaft. Method for the preparation and homogenizing of cellulose.
76116. Owens-Corning Fiberglas Corporation. Improvements in the production of glass filaments.
76117. G. J. Goyer. Ceiling panel suspension means.
67901. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Manufacture of new sulphonyl ureas, salts of these compounds, and anti-diabetic preparations containing such compounds. Accepted on 3rd March 1961.
- Treating benzenesulphonyl isocyanate with secondary amine in presence of acid-binding agent.*
68268. Ajinomoto Co., Inc., and Sanraku Distillers Co. Inc. Process for producing L-glutamic acid by bacterial fermentation. Accepted on 1st April 1961.
- By cultivating a strain of *brevibacterium lactofermentus* nov. sp. in a fermentative liquor containing vitamin B<sub>12</sub> together with sugar and nitrogen source compound.*
68278. Nirmal Chandra Ray. Improvements in or relating to electric heater. Accepted on 31st March 1961.
- Detachable device provided with insulating support and heating element comprising a bracket with insulating front to which are attached a pair of metal pins to which ends of heating element are fixed, the detachable device being slidable over a pair of bars and the metal pins passable through slot end sidewall of heater to be connected to socket type electric connector.*
68599. Riker Laboratories, Inc. Orally-active therapeutic compositions. Accepted on 29th March 1961.
- Comprising therapeutic substance and alkali metal salt of an amino acids as adjuvant.*
68785. Commonwealth Scientific and Industrial Research Organization. Improvements in and relating to the production of alumina. (21st August 1958). Accepted on 30th March 1961.
- Dissolving source of aluminium in sulphuric acid, and treating the digested liquor so as to reduce the ratio by weight of SO<sub>3</sub>: Al<sub>2</sub> O<sub>3</sub> to a value less than 2.35, hydrolysing modified digestion liquor at a temperature between 180°C and 250°C.*
69119. A. C. Padamsee. Improvements in or relating to combined closures and pourers for bottles and like containers. Accepted on 1st April 1961.
- Which has in combination (i) a main cap which is adapted to make an exterior liquid tight fit over the mouth of the container; (ii) a pouring device integral with main cap; (iii) an auxiliary cap which is adapted to be fitted on the crown of main cap and which is provided with means whereby the discharge end of the pouring device may be closed liquid tight.*
69207. K. G. Menda. Paper weights. Accepted on 30th March 1961.
- Comprising hollow body with a recess formed in the upper part to hold a photograph or like and a cover of magnifying glass or like seated removably in the recess to cover the photograph, the body below the recess having a false bottom removably fitted.*

#### Alteration of Date

69898. The claim to priority date 10th December 1958 has been abandoned and the application dated as of 1st December 1959, the date of filing in India.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

69241. J. R. Geigy A.G. Process for the concentration and separation of metal ions in the electrical field. [Addition to No. 62991]. Accepted on 4th April 1961.

*Characterised in that in this electrolyte solution at least one further concentration gradient of a further complex forming box forming a stronger complex with at least one of the metals to be separated is produced, the amount of the further complex forming compound being at least equivalent to the amount of the metal forming the stronger complex.*

69246. R. B. Pardasane. Improvements in or relating to locks. Accepted on 3rd April 1961.

*Of the type employing tumblers is characterised in that one or more of the tumblers employed has at least two engagement notches which can be selectively engaged by the locking pin on the locking bar when moved in a direction to lock.*

69248. Chas. Pfizer & Co. Inc. Dithiazanine-resin reaction product and process for preparation thereof. Accepted on 29th March 1961.

*By reacting a dithiazine salt with a pharmaceutically acceptable salt of a carboxylic resin- or sulphonic resin.*

69250. Council of Scientific and Industrial Research. Improvements in or relating to the manufacture of abrasive articles. Accepted on 3rd April 1961.
- Bonding the abrasive particles to a backing such as paper or moulding a mixture of abrasive particles and a bonding agent and then drying them, characterise in that the bonding agent used is as disclosed in patent No. 66886.*
69272. American Cyanamid Company. Coated non-absorbable surgical sutures. Accepted on 3rd April 1961.
- Comprising a plurality of filaments with the external filaments in braided configuration with coating on each filament of a polymeric silicone.*
69318. Byk-Gulden Lombers Chemische Fabrix GmbH. Process for the preparation of antacid magnesium aluminate hydrate and antacid composition containing the same. Accepted on 1st April 1961.
- Reacting alkali metal aluminate solution with magnesium salt solution at less than 50°C so that atom-gram ratio of aluminium-magnesium is 1:0.9-3.*
69374. Imperial Chemical Industries Limited. New dyeing process for synthetic polymeric textile materials. (7th November 1958). Accepted on 30th March 1961.
- Dyeing with disperse reactive dyestuff at a pH less than 7 and subsequently raising the pH during dyeing.*
69381. Ciba Limited. Process for the preparation of an injectable solution. Accepted on 1st April 1961.
- By mixing together water, the rauwolfia alkaloid, an N-substituted amide and a non-toxic acid having a pK<sub>a</sub> of about 3 to 5.*
69414. Julien Dungler. Improvements in thermal treatments at high pressure. Accepted on 30th March 1961.
- Characterized in that the conveyors at their passage through the inlet and outlet slits co-operate with sealing arrangements.*
69436. Hoover Limited. Improvements relating to scrubbing and liquid pick-up suction appliances. (15th June 1959). [Addition to No. 66814]. Accepted on 30th March 1961.
- Having a reservoir divided by a movable partition into two, one communicating with separator to receive dirty liquid and the other provided with means for dispensing clean liquid on to the floor, partition having biasing means to overcome force exerted on it by suction to enable clean liquid to be dispensed while dirty liquid compartment is exposed to suction.*
69514. Merck & Co., Inc. Dibenzocycloheptadiene. (24th April 1959). Accepted on 1st April 1961.
- A grignard compound is reacted with a dibenzocycloheptadiene-5-one and if desired the compound is dehydrated.*
69540. Robert Bosch GMBH. Improvements in or relating to glow plugs for internal combustion engines. Accepted on 1st April 1961.
- At least one electrode arranged in a metal casing and insulated therefrom by a layer of ceramic material applied to one of the metal surfaces to be insulated.*
69550. Chas. Pfizer & Co., Inc. Improvements in or relating to the recovery of penicillins. Accepted on 1st April 1961.
- Treating a solution of penicillin with carbobenzoxy chloride followed by hydrogenation of the resulting carbobenzoxy derivative.*
69556. Acrow (Engineers) Limited. A dredging ladder for a suction dredger. (28th September 1959). Accepted on 3rd April 1961.
- Wherein disintegrators are disposed at such a distance laterally from the suction pipe that their zones of action do not overlap to any substantial extent.*
69600. American Flange & Manufacturing Co. Inc. Closure reconditioning means and methods. Accepted on 30th March 1961.
- A reconditioning collar is characterised by a cylindrical skirt portion and an integral inwardly beaded rim portion being formed for mated engagement with a beaded over portion of a closure flange.*
69607. Lepetit S.p.A. New analeptic and preparation thereof. Accepted on 29th March 1961.
- Bubbling hydrogen chloride into a solution of  $\alpha$ : $\alpha$ -diethyl- $\beta$ -hydroxy propionic acid and an alkali metal cyanate in an inert solvent at 0-5°C and then refluxing the reaction product with thionyl chloride.*
69655. Hercules Powder Company. Improvements in or relating to method of chlorination of polyolefins. Accepted on 1st April 1961.
- Contacting polyolefin in suspension in cone-aqueous hydrochloric acid at 65°-105°C with chlorine gas.*
69668. Societe Civile De Recherches Pour L'Automatisation. Improved printing stereotypes, method and apparatus for producing them. Accepted on 4th April 1961.
- Impregnating absorbing element with a photosensitive substance e.g. gel, selectively exposing it to light, applying a solvent to dissolve soluble gel, applying a settable substance to absorbent element, applying setting conditions to harden settable substance and removing undissolved gel from exposed areas.*
69688. Sandoz Ltd. Process for the production of phthalocyanine dyestuffs, the dyestuffs thus obtained, and their uses. Accepted on 1st April 1961.
- Reacting together a phthalocyanine sulfonic acid chloride, an amino and an azine.*
69699. Shell Internationale Research Maatschappij N. V. Lubricant additives and lubricants containing them. Accepted on 30th March 1961.
- An olefinic unsaturated monomer having at least one oleophilic group or a mixture of such different monomers in polymerised or copolymerised in the presence of aromatic nitro compounds.*
69700. Shell Internationale Research Maatschappij N. V. Lubricant additives and lubricants containing them. Accepted on 30th March 1961.
- Polymerisation product of 1:2-alkylene imines is reacted with alkyl salicylic acid.*
69701. Shell Internationale Research Maatschappij N. V. Lubricant additives and lubricants containing them. Accepted on 30th March 1961.
- 1:2-alkylene imines are reacted with an oil-soluble toluene and/or copolymer derived from at least one olefinic unsaturated monomer containing an oleophilic group.*
69711. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyres and to pneumatic tyre assemblies. (22nd November 1958). Accepted on 29th March 1961.
- A tyre of axially flattened shape when not inflated has a maximum axial width less than half of the maximum axial width in the unloaded and inflated state.*
69719. National Malleable and Steel Castings Company. Improvements in or relating to a container-to-carrier fastening system. (14th August 1959). Accepted on 4th April 1961.
- System for securing a container to a laterally open upwardly facing under support.*
69776. Knorr-Bremse G.m.b.H. Improvements in or relating to braking devices for railway vehicles. Accepted on 30th March 1961.
- Wherein a conductor incorporated in the electric circuit is movably mounted in a magnetic field and, together with the latter, forms a force transmitter for braking force.*

69787. Montecatini Societa Generale Per L' Industria Mineraria E Chimica. Improvements relating to the polymerisation of butadiene. Accepted on 30th March 1961.

*Polymerising butadiene in the presence of a catalyst obtained by contacting a compound of a metal of group VIII of periodic table with an alkyl metal compound wherein said catalyst is aged in an inert hydrocarbon solvent.*

69823. National Research Development Corporation. Improvements in or relating to rotary electric machines. (29th May 1959). Accepted on 1st April 1961.

*Wherein the D.C. field winding comprises two halves, each half winding extending 180° (mechanical) subtended at the armature axis, the winding being connected for the second of the alternative pole numbers.*

69827. Merck & Co., Inc. Process for preparation of 3, 4-dihydro-1, 2, 4-benzothiadiazine-1, 1-dioxides. (13th February 1959). Accepted on 1st April 1961.

*Reducing 1, 2, 4-benzothiadiazine-1, 1-dioxide in presence of ruthenium.*

69839. Rohm & Haas Company. Compositions for treating textile materials and textile materials so treated. Accepted on 3rd April 1961.

*Comprising an aqueous emulsion comprising 1 to 6% of a water-immiscible copolymer derived from a monoethylenically unsaturated cyclic epoxide and 97 to 70% of an alkyl ester of acrylic or methacrylic acid.*

69844. Oxford Paper Company. Improvements in or relating to pressure-sensitive, heat-resistant recording material. (19th November 1959). Accepted on 31st March 1961.

*Comprising a backing sheet, a continuous opaque layer of pigment particles on one surface of said sheet, said coating being firm, dry and non-tacky.*

69895. Societe Anonyme De Participations Appareillage Gardy. Improvements in or relating to prefabricated cells with a monoblock circuit-breaker. Accepted on 31st March 1961.

*Constituted by movable structure supporting the monoblock circuit-breaker separable by tulip-shaped member and stationary frame work with upper connection box for circuit-breaker, which supports input bar set, of lower connection box for circuit-breaker connected to current measuring transformer associated with earthing switch, itself connected to casing for outgoing cables, and upper low-voltage compartment and auxiliary devices.*

69897. Mandals Reberbane, Christiansen & Co. A/S. Improvements in warp thread brakes for circular looms. Accepted on 29th March 1961.

*Comprising a pair of parallel rods extending along arcs of concentric circles having their common centre in the structural axis of the loom.*

69898. Whessoe Limited. Improvements in or relating to apparatus for testing or inspecting solid bodies by the use of ultrasonic vibrations. Accepted on 30th March 1961.

*Comprising a support member adapted to be mounted on the body for rotation about the axis thereof, a pillar mounted on the support member and extending parallel to the axis of the body, and arm pivotally mounted on the pillar and a probe carried on the arm.*

69925. Abbott Laboratories. High-pressure process of producing cyclohexylamine. Accepted on 1st April 1961.

*Reductively reacting aniline with hydrogen in presence of rhodium catalyst at a temperature between 25° and 200°C and at a pressure of at least 200 pounds per square inch.*

69933. Dunlop Rubber Company. Limited. Limiting device for controlling relative movement between two objects. (11th December 1958). Accepted on 30th March 1961.

*Controlling step by step relative movement in a direction between two objects includes parts for engaging the objects, yielding means for a limited step of movement between the said parts from a starting position and an advance device for setting a new starting position.*

69949. Shell Internationale Research Maatschappij N. V. An improved process for the preparation of butadiene polymers. Accepted on 4th April 1961.

*Polymerizing butadiene from mixture of butadiene and butene, with a catalyst comprising a mixture of a heavy metal halide consisting of cobalt and nickel halide and an activating agent selected from the group consisting of a strong reducing agent, a Friedel-Crafts compound and mixtures thereof.*

70058. B. I. V. Thyssen-Bornemisza. Improvements in or relating to a coupling for lockably securing the breach of a mortar barrel to a counterplate. Accepted on 30th March 1961.

*Comprises a joint ball and a corresponding joint socket, the socket having an internal spherical surface larger than a hemisphere.*

70093. Ciba Limited. Tertiary alcohols and derivatives thereof and process for their manufactures. Accepted on 1st April 1961.

*By reacting a ketone with an organo-metallic reagent.*

70100. "Cribla" Societe Anonyme. A plant for the separation of granular products of different specific gravities. Accepted on 31st March 1961.

*Of the type comprising an apparatus in which a container, fed with a dense liquid and with the granular mixture to be separated, removes the heavy products into an annular rotary drum surrounding it and provided with vanes conveying the products into a hopper feeding another similar apparatus.*

70108. The Patent Tiffin Carrier Sanghvi Co. Detachable handles for use with containers. Accepted on 4th April 1961.

*Comprising a handle portion with an engagement head which consists of a prong shaped element to engage the stem and a jaw shaped element to hold the bracket.*

70136. Lepetit S.p.A. 1-carbamyl 3-substituted azetidines. (23rd December 1958). Accepted on 30th March 1961.

*Heating the hydrochloride of an azetidine with an equimolecular amount of an alkali metal cyanate in water at 50 to 100°C.*

70203. Dunlop Rubber Company Limited. Method and apparatus for moulding articles from slugs of heat-curable material. Accepted on 1st April 1961.

*Comprises means for continuously advancing moulding dies past a loading station, means for supplying a succession of slugs of moulding material to a position spaced from moulding station and means for transferring slug to the moulding dies.*

70207. G. W. Anseth. Improvement in road junctions. Accepted on 4th April 1961.

*Comprises two rotary loops, one above the other one loop communicating with entering files, while the other loop communicating with the leaving files, the two loops being interconnected through at least one road.*

70217. Asahi Kasei Kogyo Kabushiki Kaisha. Simultaneous production of nitric acid and raw solution for nitrogen containing fertilizer. Accepted on 1st April 1961.

*Oxidising nitrogen oxide containing gas to nitrogen peroxide and absorbing the same with water and slurry solution containing rock phosphate or lime stone.*

70230. Ayerst, McKenna & Harrison, Limited. 17  $\alpha$ -bromo-6 $\alpha$ -haloprogesterone. Accepted on 1st April 1961.  
*Brominating 3  $\beta$ -Acetoxy-5 $\alpha$ , 6 $\beta$ -disubstituted-pregnan-20-one with N-bromo-amide in presence of a catalyst.*
70234. Asahi Kasei Kogyo Kabushiki Kaisha. The method of polymerizing mono-olefinic compounds and the products therefrom. Accepted on 1st April 1961.  
*Polymerizing a monomeric mono-olefin in the presence of a catalyst obtained by adding an organo-metallic complex of a metal of group IA and of a metal of group IIB.*
70269. Ciba Limited. Process for the manufacture of new secondary amines. Accepted on 1st April 1961.  
*Wherein a corresponding compound having a phenol group in the benzene ring is alkylated at the phenol group.*
70280. Wilmot-Breeden Limited. Improvements in or relating to releasable fastening devices. (8th January 1959). Accepted on 4th April 1961.  
*Comprises two separate portions, two of the portion initially engaging to produce relative angular movement of the parts in the uncoupling direction and the other two portions entering into coupling engagement.*
70322. Ellicott Machine Corporation. Dredge discharge pipe. Accepted on 29th March 1961.  
*Wherein pipe includes an upper elbow mounted on hull and having a vertically extending portion for pivotal movement relative thereto about a vertical axis and having a horizontally extending portion.*
70329. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for preparing crystallizable organometallic complexes. Accepted on 30th March 1961.  
*By reacting a bis-cyclopentadienyl titanium mono-halide with trialkyl aluminium in the presence of nitrogen.*
70350. Food Machinery and Chemical Corporation. Methods of contacting liquids with gases and apparatus for carrying out the method. Accepted on 29th March 1961.  
*Comprising a holder for the liquid, a secondary chamber of smaller cross-sectional area than the holder closed at the bottom and open at the top to the holder at a level below the normal level of the liquid in the holder and gas discharge means adjacent to the bottom of the secondary chamber.*
70351. Food Machinery and Chemical Corporation. Improvements in or relating to apparatus for submersion below the surface of a liquid and for dispersion of gas in the liquid. Accepted on 29th March 1961.  
*Comprises a lateral wall creating a space of limited cross-sectional area, gas discharge means positioned within the space and adjacent the bottom wall, and conduit means for covering gas to the gas discharge means.*
70368. Rudolf Mohr and Hans Hubert Quandt. Lighters for burners, cigars or like using gas as fuel. Accepted on 1st April 1961.  
*Fuel container with a metallic capillary gas channel, the internal diameter of the said channel is further narrowed by inserting one or more absorbent threads.*
70380. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel unsaturated alcohols and a process for manufacture and conversion thereof. (17th January 1959). Accepted on 1st April 1961.  
*Condensing a halogen compound with an alcohol in presence of a cuprous salt.*
70386. S. R. Rosenthal. Vaccination package and method of making same. Accepted on 1st April 1961.  
*Comprises a backing member, a skin-perforating member secured to said backing member and having needle-like projections and protective cover means.*
70463. The Dow Chemical Company. Improved magnesium battery anode and magnesium battery. Accepted on 4th April 1961.  
*Comprising principally magnesium having indium alloyed therein.*
70480. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process for the manufacture of dyestuffs. Accepted on 1st April 1961.  
*Condensing a 2:5-diarylamino-terephthalic acid with anhydrous metal halide at a temperature between 130° and 200°C.*
70525. N. V. Philips Gloeilampenfabriken. Improvements in or relating to transistor alternating-current amplifiers. Accepted on 30th March 1961.  
*In order to reduce the cross-modulation, the impedance which is connected between the input terminals of the transistor, substantially satisfied a condition specified.*
70540. Automatic Coal Cleaning Company Limited. Improvements relating to filter disc sectors of disc type vacuum or pressure filters. (27th February 1959). Accepted on 4th April 1961.  
*Which is provided at its smaller end with an inter changeable end piece secured to the sector frame or body by a bolted or other joint so as to be readily removable and replaceable.*
70545. Food Machinery and Chemical Corporation. Apparatus for pumping liquids. Accepted on 4th April 1961.  
*Comprises a basin, a pump, a by-pass line and a valve responsive to flow from the pump.*
70559. Societe Anonyme De Participations Appareillage Gardy. Fuse Cartridge. Accepted on 4th April 1961.  
*Comprises a body of insulating material and the fusible strip is rigidly secured at its ends by two securing knives.*
70589. Creed & Company Limited. Improvements in or relating to tape storage devices for taking information from or imparting information to a tape. (10th April 1959). Accepted on 30th March 1961.  
*Comprising means for feeding from one reel to another tape with a plurality of sections, means for sending a given section and means operative upon detection of the given section for commencing utilisation of the given section.*
70596. Ranajit Kumar Sen Gupta. Improved spraying or atomising device. Accepted on 1st April 1961.  
*Comprises a conical housing, a vertically disposed flanged piston slidably fitted through said housing, means for limiting the vertical movement of the piston and a spray discharge bore on the housing.*
70677. Westinghouse Electric Corporation. Improvements in or relating to novel configuration for semiconductor devices. Accepted on 30th March 1961.  
*Of the P-N-P or N-P-N type.*
70705. Asahi Kasei Kogyo Kabushiki Kaisha. A process for the production of unsaturated nitriles. Accepted on 1st April 1961.  
*Reacting at elevated temperature as gas mixture of olefin, ammonia and oxygen in the presence of a catalyst comprising at least two members selected from supric oxide, vanadium pentoxide, molybdenum trioxide, tellurium oxide, bismuth oxide and phosphomolybdic acid.*
69715. Imperial Chemical Industries Limited. New azo dyestuffs. (5th December 1958). Accepted on 4th April 1961.  
*A metallised azo compound is treated with a sulphonic acid halide.*



70746. Imperial Chemical Industries Limited. Colouration process for textile materials. [Addition to No. 65675]. Accepted on 1st April 1961.

*Treating textile with aqueous solution containing resin forming composition a dyestuff containing reactive halogen atom and a mineral acid salt of a primary or secondary organic amine which contains at least one alkyl chain carrying at least one hydroxy group.*

70800. L. Hoadley and The Britannia Engineering Co. Ltd. Improvements in or relating to crushing, tearing and curling machines for use in the manufacture of tea. Accepted on 29th March 1961.

*Comprising a central U-shaped body part having its open end at the front of the machine, on each side arm of which is mounted a cage assembly for the roller cutters.*

70881. Veb Lokomotivbau-Elektrotechnische Werke. Method for production of stratified webs of insulating material of mica-pulp. Accepted on 4th April 1961.

*The base web is produced in the usual manner on the first rotary wire looking in the direction of advance of a rotary wire paper machine from a paper pulp and webs of mica produced on the second and following rotary wires are fired on the base web when still moist.*

70882. Veb Lokomotivbau-Elektrotechnische Werke. Method of refining mica slabs particularly by splitting off. Accepted on 4th April 1961.

*Chilling is effected in a liquid that consists of an aqueous agent such as ammonium carbonate which is thermally decomposable into gaseous substances.*

70918. Massey-Ferguson (United Kingdom) Ltd. Improvements relating to tractor hydraulic power lift mechanisms. Accepted on 1st April 1961.

*Main control valve in combination with a secondary control valve assembly provides a joint manual and automatic position control means.*

70952. Österreichisch-Amerikanische Magnesit Aktiengesellschaft. Process for making sintered magnesite. Accepted on 4th April 1961.

*Magnesium compounds are pressed into briquettes with addition of flue dust and the briquettes heated to sintering temperature characterised in that the raw magnesite used as raw material is cleaned from impurities by flotation before use.*

70958. Elektrokemisk A/S. Improvements relating to electrolytic cells for the production of aluminium. [Addition to No. 59615]. Accepted on 30th March 1961.

*Addition to No. 59615 and provides rows of lateral studs for current supply.*

71124. The Wellcome Foundation Limited. The preparation of 1,6-dihydro-s-triazine compounds and pharmaceutical preparation thereof. Accepted on 1st April 1961.

*p-chlorophenylbiguanide or salts thereof and 4-methyl cyclohexanone are condensed.*

71126. Bhupal Chandra Kar. Improved oven and like cooking appliance. Accepted on 4th April 1961.

*Characterised in that there are provided (i) chemical absorbent materials in the flue passage for absorption of volatile liquid and soot during firing operation; (ii) damper doors on the flue chamber for controlling the air flow to regulate the combustion of fuels in between the flue chamber and the base of chimney; (iii) a device for regulating the heating surface area of the ovens to any desired degree.*

71270. Standard Telephones and Cables Limited. Improvements in or relating to insulated electric conductors (30th April 1959). Accepted on 4th April 1961.

*Granules, of suitable thermoplastic material are fed between the inner and outer conductors and the resultant structure is heated to expand and to coalesce the granules into a continuous body.*

## Opposition Proceedings

(1)

The opposition entered by The Associated Cement Companies Limited to the grant of a patent on application No. 55015 made by F. L. Smidth & Co. AIS as notified in part III, Section 2 of the Gazette of India dated the 9th June 1956, has been successful. A patent will be sealed thereon subject to certain amendments in the specification.

(2)

An opposition has been entered by B. K. Shaw Industries Private Limited to the grant of a patent on application No. 69118 made by Alimahomed Chhaganbhai Padamsee.

## Patents Sealed

66367.	66399.	66431.	66442.	66614.	66616.	66647.	66662.
66828.	66887.	66888.	67125.	67138.	67297.	67307.	67312.
67313.	67330.	67365.	67399.	67401.	67408.	67445.	67474.
67481.	67489.	67547.	67552.	67608.	67643.	67659.	67703.
67772.	67809.	67993.	68064.	68264.	68297.	68350.	68407.
68410.	68430.	68579.	68677.	68703.	68770.	68909.	68944.
69022.	69123.	69172.	69330.	69375.	69830.	70786.	72902.
72903.							

## Renewal Fees Paid

27999.	28009.	28010.	28914.	34484.	34576.	34699.	34752.
35020.	35266.	37225.	37393.	39191.	39468.	39469.	39524.
39584.	39823.	39839.	39858.	41179.	41432.	41614.	42015.
42898.	42910.	42986.	43093.	43153.	43372.	43629.	44734.
44905.	44911.	44926.	45040.	45119.	45202.	45224.	45225.
45258.	45346.	45885.	46924.	47016.	47074.	47110.	47126.
47388.	47394.	47402.	47404.	47466.	47506.	48590.	48672.
49147.	49232.	49279.	49300.	49334.	49376.	49407.	49471.
49472.	49528.	49570.	49588.	49608.	49615.	49636.	49649.
49769.	49827.	49883.	49885.	50520.	51365.	51615.	51622.
51629.	51663.	51695.	51741.	51777.	51787.	51799.	51807.
51819.	51827.	51833.	51857.	51950.	51951.	52019.	52073.
52126.	52248.	52424.	53856.	53880.	53945.	54172.	54298.
54305.	54345.	54439.	54463.	54464.	54507.	54528.	54639.
54679.	54714.	54733.	54783.	54788.	54841.	55019.	55071.
55795.	55875.	56241.	56722.	56975.	56986.	56994.	57027.
57029.	57036.	57065.	57088.	57115.	57156.	57206.	57213.
57216.	57278.	57316.	57324.	57338.	57624.	57651.	57724.
57870.	58071.	58218.	58220.	58252.	58291.	58340.	58341.
58345.	58821.	58871.	59759.	59947.	59980.	60101.	60114.
60186.	60191.	60270.	60287.	60337.	60353.	60359.	60392.
60506.	60556.	60561.	60591.	60644.	60663.	60672.	60693.
60727.	60796.	60797.	60947.	60960.	60961.	61111.	61112.
61128.	61160.	61360.	61361.	61362.	61363.	61480.	61892.
61893.	62003.	63588.	63623.	63741.	63763.	63849.	63851.
64017.	64250.	65815.					

## Cessation of Patents

29896.	29897.	29898.	29899.	29901.	29903.	29904.	29905.
29906.	29907.	29908.	29909.	29910.	29911.	29912.	29920.
31344.	33094.	33131.	40159.	43659.	45686.	45687.	47877.
47884.	47893.	47916.	50096.	52568.	52578.	55188.	55207.
55220.	55222.	55231.	55232.				

## Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 106289. The Standard Auto Industries, Queen's Road, Delhi-6, (India) an Indian concern, "Head-light frame for automobiles". September 3, 1960.

Class 1. No. 106711. Pragji Mulji & Sons (An Indian Partnership Firm), Plot No. 12 Mangloria Society Garden, Subhas Rd., Vile Parle, Bombay-24, Maharashtra, India, "A tray", October 10, 1960.

- Class 1. No. 106837. Minocher Faredoonji Desai and Piloo Minocher Desai (both Indian Citizens), Imperial Mahal, B-Block, 2nd floor, Khodabad Circle, Vincent Road, Dadar, Bombay-41, Maharashtra, India, "A folding push chair", October 17, 1960.
- Class 1. No. 106991. Krishanlal Varma, Indian National, Punjab Mohalla, Ambala Cantt., Punjab, "Clamp", October 31, 1960.
- Class 1. No. 107062. Kundan Singh Mehta, Block No. 2 Quarter No. 9/10, Vijay Nagar, Delhi-9, Indian National, "Telephone cover", November 8, 1960.
- Class 1. No. 107082. Tecalemit Limited, a British Company, Plymouth, Devon, England, "A feed lance for the oil firing of kilns and the like", November 10, 1960.
- Class 1. Nos. 107083 and 107084. Tecalemit Limited a British Company, Plymouth, Devon, England, "A part of a releasable pipe coupling", November 10, 1960.
- Class 1. No. 107085. Tecalemit Limited, a British Company, Plymouth, Devon, England, "An oil firing burner with a control therefor", November 10, 1960.
- Class 1. 107271. The General Electric Company Limited, Magnet House, Kingsway, London, W.C.2, England, a company incorporated under the Laws of England, "Refrigerator", November 17, 1960.
- Class 1. No. 107473. Gobind Ram Malik and Harbhagwan, 41, Najaf Garh Road, New Delhi-15 (Indians) India, "Wick stove", December 5, 1960.
- Class 1. No. 107543. Shri Ram, 1212-Buhadar Garh Road, Delhi-6, (India) Indian, "Pitcher (lotta)", December 12, 1960.
- Class 1. No. 107579. Jaswant Singh Jubbal, 20-C, Connaught Place, New Delhi, national of Indian Union, "Electric fan", December 21, 1960.
- Class 1. No. 108698. Vadgama Engineering Works, Outside Bedi Gate, Jamnagar, (Gujarat State), Indian partnership concern "casing of stationary type combustion diesel oil engines", March 28, 1961.
- Class 3. No. 106346. Chetana Trading Corporation (An Indian Partnership Firm), 10, Nanabhoy Lane, Bombay 1, "Ceiling rose", September 9, 1960.
- Class 3. No. 106361. Nargis Samy Engineer, An Indian Citizen, Crown Building, Uranwalla Street, Bombay-7, Maharashtra, India, "A petrol can", September 9, 1960.
- Class 3. No. 106712. Aarson Insulators, an Indian Partnership concern, 9, U.B. Jawahar Nagar, Delhi-6, (India), "Two pins-plug", October 10, 1960.
- Class 3. No. 107102. The Plastic & Machine Manufacturing Company (An Indian Partnership firm), Gharwadi 2nd Cross Lane, Lady Jamshedji Road, Mahim, Bombay-16, Maharashtra, India, "Mirror-cum-flashlight", November 15, 1960.
- Class 3. Nos. 107320 and 107322. Elizabeth Crawford, Officers' Quarter Love Lane Vyculla, Bombay-27, Maharashtra, India, Nationality: Indian Citizens, "A hair roller", November 21, 1960.
- Class 3. No. 107735. Dunlop Rubber Company Limited, a British Company, Fort Dunlop, Erdington, Birmingham 24, England, "A tyre for a vehicle wheel", (9th September 1960), December 27, 1960.
- Class 3. No. 107780. Abraham Shalome Judeh, British Nationality, 17, Park Street, Calcutta 16, West Bengal, India, "A helmet", January 3, 1961.
- Class 5. No. 106903. Nagappan Chettiar Natarajan and Muthukumaraswamy Chettiar Mani, Fullapatty, Aruppukottai, Ramnad District, Madras State Hindus, Subjects of Indian Republic "Label", October 21, 1960.
- Class 5. No. 107076. Chandrakant Harischandra Rajwadkar, 11, Rajwadkar Street, Colaba, Bombay-1, Maharashtra, India, an Indian citizen, "An egg tray", November 9, 1960.
- Class 5. Nos. 107249 and 107250. Shah Mangilal Chopra, Balotra, Rajasthan, Indian Subject, "Label", November 17, 1960.
- Class 5. No. 107336. Naresh Chandra Bose, an Indian citizen, 23, Shyama Charan Mukerjee Street, Calcutta-2, West Bengal, "Labels", November 21, 1960.
- Class 5. No. 107374. Calcutta Trading Corporation, P-7 Oil Chinabazar Street, Calcutta-1, West Bengal, Indian Partnership Firm, "Carton", November 25, 1960.
- Class 13. No. 106628. Patel Processing Mills, Mathuradas Mills Compound, Lower Parel, Bombay-13, Indian Partnership Firm, "Textile goods", October 1, 1960.
- Class 13. No. 107066. The Asoka Mills Limited, Post Box No. 1050, Naroda Road, Ahmedabad, "Indian Company", "Cotton textile fabrics", November 9, 1960.
- Class 13. Nos. 107688 to 107722. Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay 13, "Cotton piecegoods", December 27, 1960.
- Class 13. Nos. 107736 to 107740. The Standard Mills Co., Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, (India), "Textile goods", December 28, 1960.
- Class 13. Nos. 108094 and 108096. The Ahmedabad Advance Mills, Ltd., an Indian Company, Bombay House, Bruce Street, Fort, Bombay, "Textile goods", January 31, 1961.
- Class 13. Nos. 108097, 108098 and 108100 to 108105. The Khatau Makanji Spg. & Mfg. Co. Ltd., 6, Ballard Pier, Laxmi Building, Fort, Bombay, Indian Company, "Textile piecegoods", January 31, 1961.
- Class 13. No. 108269. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 17, 1961.
- Class 13. Nos. 108228 to 108241. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile Goods", February 15, 1961.
- Class 13. Nos. 108273 to 108280. Messrs. The Phoenix Mills Ltd., an Indian Company, Imperial Bank Building, Bank Street, Fort, Bombay, "Textile goods", February 18, 1961.
- Class 13. No. 108321. The Sassoon Spinning & Weaving Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1, "Textile goods", February 25, 1961.
- Class 13. Nos. 108365 to 108394. The India United Mills Ltd. Indu House, Dougall Road, Ballard Estate, Bombay-1, India, a Company incorporated in India "Textile piecegoods", February 27, 1961.
- Class 13. Nos. 108440 and 108441. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", February 28, 1961.

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Design No. 83438, Class 5.

Design No. 84834, Class 5.

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